

ABSTRACT OF THE INVENTION

A kitchen range hood for exhausting gases comprises an outer hood body within which a motor housing is mounted. The motor housing has top, bottom and perimeter side surfaces defining a pair of substantially similar air chambers, a motor and fan being housed in each chamber. An opening in the bottom surface of the housing is aligned below each of the fans. A tray is located in abutment with the housing below the opening in the bottom surface. The tray has a wall and a floor, with at least one air inlet opening in the wall. A bottom panel is connected to the bottom of the hood body about 5 the tray. Air is drawn into the range hood through the air inlet in the tray wall. The range hood is also equipped with an automatic cleaning system, comprising a spray nozzle and hose seated above the floor of the tray. 10